

WebservingPHP

Well, its not about any special host or operating system, just about the pure performance benchmarks measured for distinct setups of software on some kind of hardware.

Setups:

- Apache 2.0.52, PHP 5.0.3, Mysql 4.1.7
- [Lighthttpd](#) 1.3.5, PHP-CGI 5.0.3, [spawn-fcgi](#) 1.2.0
 - both configured for [PHP memory_limit](#) req.

I was testing with [Siege](#) the server on localhost with permissions.

```
siege -c 10 -t 2m http://tiki19/tiki-index.php
```

Results with Lighthttpd and PHP5-FCGI

 700Mhz, 384MB RAM, udma2 ides ext3
fs
 Transactions: 103 hits

Availability: 100.00 %
 Elapsed time: 120.26
secs
 Data transferred: 2164266
bytes
 Response time: 11.02 secs

Transaction rate: 0.86 trans/sec

Throughput: 17996.56 bytes/sec

Concurrency: 9.43
 Successful
transactions: 103
 Failed transactions:
0
 Longest transaction: 14.61

Shortest transaction: 1.91

Results with Apache2 PHP5

 700Mhz, 384MB RAM, udma2 ides ext3
fs
 Transactions: 69 hits

Availability: 100.00 %
 Elapsed time: 119.96
secs
 Data transferred: 1449585
bytes
 Response time: 15.70 secs

Transaction rate: 0.58 trans/sec

Throughput: 12083.90 bytes/sec

Concurrency: 9.03
 Successful
transactions: 69
 Failed transactions: 0
 Longest transaction: 31.38
 Shortest
transaction: 4.97

No php caching was used, cpu load was **much** lower with phpfcgi, running a whole X desktop with Firefox and Evolution and the like in the background...

For some more benchmarks on Lighthttpd go [here](#).

- TikwikiLighthttpdInstall 😊